

**GOVERNMENT OF INDIA
CIVIL AVIATION
LOK SABHA**

UNSTARRED QUESTION NO:2606
ANSWERED ON:28.07.2014
LANDING FACILITIES
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Will the Minister of CIVIL AVIATION be pleased to state:

- (a) whether aircrafts have to hover around over certain busy airports waiting for the landing resulting in huge wastage of fuel;
- (b) if so, whether the Government proposes to take any action to provide adequate landing facilities at airports so as to avoid wastage of fuel; and
- (c) if so, the details thereof?

Answer

Minister of State in the Ministry of CIVIL AVIATION (Shri G. M. Siddeshwara)

(a), (b) & (c): No, Madam. Adequate landing facilities to handle all scheduled flight operations are available at the operational airports. However, such situations arise at times due to delayed arrival/departure of flights on account of technical snag or any other delay on the part of airline operators or due to adverse climatic conditions. The Government has taken the following steps to ease the situation:

- (i) ILS facilities which provides both vertical and lateral guidance to landing aircraft has been installed at 55 operational airports.
- (ii) GAGAN (GPS Aided Geo Augmented Navigation System) - based procedures also provide ILS like landing aid.
- (iii) Restructuring of Indian Airspace by means of Upper Airspace Harmonization with Single Upper Area Control Centre in each of the four FIRs, viz Delhi, Mumbai, Kolkata and Chennai.
- (iv) Implementation of Central Air Traffic Management (CATFM) which will result in balancing the air traffic capacity and demand, thereby eliminating delays in the air and on the ground.
- (v) Performance Based Navigation (PBN) Standard Instrument Departures (SIDs) and Standard Terminal Arrival Routes (STARs) have been implemented at metro airports to streamline air traffic and reduce delays to the minimal.
- (vi) Three runway operations at IGI airport, Delhi have reduced the delays to minimal.
- (vii) Cross runway operations have been implemented at Mumbai airport to address the delays to landing aircraft and save fuel.
- (viii) Airport Collaborative Decision Making (A-CDM) has been successfully implemented at Delhi and Mumbai to reduce delays.
- (ix) Continuous Descent Operation (CDO) has been implemented at Mumbai, Ahmadabad, Hyderabad and Delhi.